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December 15, 2006

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Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Art Unit 2622

Attn: Mail Stop Amendment

Re:

U.S. Patent Application

Application No. 10/791,686; Filed: March 3, 2004

Television Functionality on a Chip

Inventors: BAER et al. Our Ref: 1875.3970001

Sir:

Transmitted herewith for appropriate action are the following documents:

- 1. Information Disclosure Statement;
- 2. Form PTO/SB/08A (4 sheets) listing cited documents US1-US69 and FP1;
- 3. Form PTO/SB/08B (1 sheet) listing cited documents NPL1-NPL4;
- 4. Copies of cited documents FP1 and NPL1-NPL4; and
- 5. A return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier.

In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Sterne, Kessler, Goldstein & Fox PLL.C.: 1100 New York Avenue, NW: Washington, DC 20005: 202.371.2600 f 202.371.2540: www.skgf.com

Commissioner for Patents December 15, 2006 Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Michael D. Specht

Attorney for Applicants

Registration No. 54,463

MDS/DTS/tdd Enclosures

610618_1.DOC

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

BAER et al.

Appl. No.: 10/791,686

Filed: March 3, 2004

For: Television Functionality on a Chip

Confirmation No.: 2602

Art Unit: 2622

Examiner: Hsia, Sherrie Y.

Atty. Docket: 1875.3970001

Information Disclosure Statement

Mail Stop Amendment

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Sir:

Listed on accompanying IDS Forms are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached IDS Forms based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

Applicants have checked the appropriate boxes below.

- 1. Statement under 37 C.F.R. 1.704(d). Each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of this information disclosure statement.
- 3. Filing under 37 C.F.R. § 1.97(c). This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date

of the first Office Action on the merits, but before the mailing date of a Final Rejection, or Notice of Allowance, or an action that otherwise closes prosecution in the application.

- a. Statement under 37 C.F.R. § 1.97(e)(1). I hereby state that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(1).
- b. Statement under 37 C.F.R. § 1.97(e)(2). I hereby state that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).
- C. Attached is our PTO-2038 Credit Card Payment Form in the amount of \$_____ in payment of the fee under 37 C.F.R. § 1.17(p).
- 4. Filing under 37 C.F.R. § 1.97(d) This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee.

Enclosed find our PTO-2038 Credit Card Payment Form in the amount of

	\$ i	n payment of the fee under 37 C.F.R. § 1.17(p); in addition:
	□ a.	Statement under 37 C.F.R. § 1.97(e)(1). I hereby state that each
		item of information contained in this Information Disclosure
		Statement was first cited in any communication from a foreign
		patent office in a counterpart foreign application not more than
		three months prior to the filing of this Information Disclosure
		Statement. 37 C.F.R. § 1.97(e)(1).
	□ b.	Statement under 37 C.F.R. § 1.97(e)(2). I hereby state that no item
		of information in this Information Disclosure Statement was cited
		in a communication from a foreign patent office in a counterpart
		foreign application and, to my knowledge after making reasonable
		inquiry, was known to any individual designated in 37 C.F.R. §
		1.56(c) more than three months prior to the filing of this
		Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).
<u></u> 5.	The document	ts was/were cited in a search report by a foreign patent office in a
	counterpart fo	reign application. Submission of an English language version of
	the search repo	ort that indicates the degree of relevance found by the foreign office
	is provided in	n satisfaction of the requirement for a concise explanation of
	relevance. 113	8 OG 37, 38.
] 6.	A concise exp	lanation of the relevance of the non-English language document(s)
	appears below	in accordance with 37 C.F.R. § 1.98(a)(3).

⋈ 7.	Copies of documents US1-US69, FP1 and NPL1-NPL4 are submitted. However,
	in accordance with 37 C.F.R. § 1.98(a)(2), no copies of U.S. patents and patent
	application publications cited on the attached IDS Forms are submitted.
8 .	Copies of the documents were cited by or submitted to the Office in an IDS that
	complies with 37 C.F.R. § 1.98(a)-(c) in Application No, filed
	, which is relied upon for an earlier filing date under 35 U.S.C.
	§ 120. Thus, copies of these documents are not attached. 37 C.F.R. § 1.98(d).
<u> </u>	It is expected that the examiner will review the prosecution and cited art in the
	parent application no(s) in accordance with MPEP 2001.06(b),
	and indicate in the next communication from the office that the art cited in the
	earlier prosecution history has been reviewed in connection with the present
	application.

It is respectfully requested that the Examiner initial and return a copy of the enclosed IDS Forms, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

Sterne, Kessler, Goldstein & Fox P.L.L.C.

Michael D. Specht

Attorney for Applicants Registration No. 54,463

Date:

12/15/06

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Substitute for form 1449/PTO

DEC 1 5 2006

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 4

Complete	if Known
Application Number	10/791,686
Filing Date	March 3, 2004
First Named Inventor	David A. BAER
Art Unit	2622
Examiner Name	Hsia, Sherrie Y.
Attorney Docket Number	1875.3970001

			U.S. PATENT DO	DCUMENTS	
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or	Pages, Columns, Lines,
		Number-Kind Code ^{2 (If Known)}		Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear
	US1	6,147,713	11-14-2000	Robbins et al.	
	US2	6,445,726 B1	09-2002	R. Gharpurey	
	US3	6,005,640	04-1998	Strolle	
	US4	5,031,233	07-1991	Regan	
	US5	5,715,012	02-1998	Patel et al.	
	US6	5,737,035	04-1998	Rotzoll	
	US7	5,519,443	05-1996	Salomon et al.	
	US8	4,712,131	12-1987	T. Tanabe	
;	US9	5,859,442	01-1999	T.A. Manning	
	US10	6,199,182 B1	03-2001	L.D. Whetsel	
	US11	6,378,093 B1	04-2002	L.D. Whetsel	
	US12	6,646,460 B2	11-2003	L.D. Whetsel	
	US13	4,493,077	01-1985	Agrawal et al.	
	US14	5,235,600 A	08-1993	R. Edwards	
	US15	5,621,651 A	04-1997	G.L. Swoboda	
	US16	5,812,562 A	09-1998	S. Baeg	
	US17	6,452,435 B1	09-2002	Skergen et al.	
	US18	6,539,497 B2	03-2003	Swoboda et al.	
	US19	6,760,866 B2	07-2004	Swoboda et al.	
	US20	6,861,867 B2	03-2005	West et al.	

		Fo	REIGN PATENT DO	DCUMENTS		
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where	
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	•		Relevant Passages or Relevant Figures Appear	T _e
	FP1	1,244,007 A2	09-25-2002	EP		
	FP2					
	FP3			-		
	FP4					
	FP5					
	FP6					
	FP7					
	FP8					
	FP9					

Examiner	Date
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Signature	Considered

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Substitut	e for form	1449/PTC)	Complete if Known		
				Application Number	10/791,686	
INFO	RMAT	TION D	ISCLOSURE	Filing Date	March 3, 2004	
STAT	EME	NT BY	APPLICANT	First Named Inventor	David A. BAER	
			ets as necessary)	Art Unit	2622	
			·	Examiner Name	Hsia, Sherrie Y.	
Sheet	2	of	4	Attorney Docket Number	1875.3970001	

-			U.S. PATENT DO	CUMENTS		
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (If Known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passage	
	US21	5,271,023 A	12-1993	J.H. Norman	or Relevant Figures Appea	
	US22	5,283,903 A	02-1994	I. Uehara	-	
<u> </u>	US23	5,491,787 A	02-1996	S.H. Hashemi		
	US24	5,572,663 A	11-1996	K. Hosaka	-	
	US25	6,101,319 A	08-2000	J.N. Hall		
	US26	6,584,560 B1	06-2003	Kroun et al.		
	US27	5,790,873 A	08-1998	Popper et al.		
	US28	5,878,264 A	03-1999	Z. Ebrahim		
	US29	6,584,571 B1	06-2003	H.T.S. Fung		
	US30	6,789,183 B1	09-2004	Smith et al.		
	US31	6,002,726	12-1999	Simanapalli et al.		
	US32	2003/0085993	05-2003	Trimbee et al.		
	US33	6,154,483	11-2000	Davidovici et al.		
	US34	7,006,806	02-2006	Wu et al.		
_	US35	5,949,821	09-1999	Emami et al.		
	US36	6,370,191	04-2002	Mahant-Shetti et al.		
	US37	6,337,878	01-2002	Endres et al.		
	US38	4,893,316	01-1990	Janc et al.		
	US39	6,463,452	10-2002	M. Schulist et al.		
	US40	6,779,098	08-2004	Sato et al.		

			FOREIGN PATENT DO	CUMENTS		
Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns,	
Initials*	No.'	Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY	Applicant of Cited Document	Lines, Where Relevant Passages or Relevant Figures Appear	Te
	FP10					
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	FP18					

Examiner	Date	
Signature	Considered	

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_	Substitute for form 1449/PTO				Complete if Known		
					Application Number	10/791,686	··· -
	INFORMATION DISCLOSURE				Filing Date	March 3, 2004	
	STATEMENT BY APPLICANT			APPLICANT	First Named Inventor	David A. BAER	·
				ets as necessary)	Art Unit	2622	
			-	• •	Examiner Name	Hsia, Sherrie Y.	
	Sheet 3 of 4				Attorney Docket Number	1875.3970001	

			U.S. PATENT DO	CUMENTS		
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (If Known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	US41	6,438,368	08-2002	Phillips et al.	or resource against appear	
	US42	6,430,681	08-2002	F. Nagao		
· <u>-</u> .	US43	4,300,207	11-1981	Eivers et al.		
	US44	2003/0161477	08-2003	Wu et al.		
	US45	5,826,072	10-1998	Knapp et al.		
	US46	4,521,858	06-1985	Kraemer et al.		
	US47	6,725,357	04-2004	J.P. Cousin		
_	US48	6,065,112	05-2000	Kishida et al.		
	US49	2003/0198352	10-2003	Easley et al.		
	US50	5,956,494	09-1999	Girardeau et al.		
	US51	6,314,504	11-2001	P.W. Dent		
·	US52	5,587,344	11-1997	Mitsuishi et al.		
	US53	4,532,587	07-1985	Roskell et al.		
	US54	5,889,820	03-1999	Adams		
	US55	6,205,223	03-2001	Rao et al.		
	US56	6,859,238	02-2005	D.C. Wu		
	US57	2005/0280742	12-2005	S.T. Jaffe		
	US58	2004/0223086	11-2004	S.T. Jaffe		
	US59	2003/0197810	10-2003	S.T. Jaffe		
	US60	6,492,913	12-2002	Vierthaler et al.		

·	, .		FOREIGN PATENT DO	CUMENTS		
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Té
	FP19					
	FP20					
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<u> </u>	FP23					
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 -	FP26					
	FP27					

Examiner	Date	
Signature	Considered	

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Substitut	e for form	1449/PT)	Complete	if Known
				Application Number	10/791,686
INFO	RMAT	ION E	DISCLOSURE	Filing Date	March 3, 2004
STAT	EMEN	IT BY	APPLICANT	First Named Inventor	David A. BAER
			ets as necessary)	Art Unit	2622
			•	Examiner Name	Hsia, Sherrie Y.
Sheet	4	of	4	Attorney Docket Number	1875.3970001

			U.S. PATENT DO	DCUMENTS	
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines,
Initials	No.'	No. Number-Kind Code ^{2 (If Known)}	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear
	US61	6,281,813	08-2001	Vierthaler et al.	
	US62	6,832,078	12-2004	D.C. Wu	
	US63	5,227,863	07-1993	Bilbrey et al.	
	US64	5,596,767	01-1997	Guttag et al.	
	US65	6,819,331	11-2004	Shih et al.	
	US66	2002/0186223	12-2002	G. Sasaki	
	US67	5,828,415	10-1998	Keating et al.	
	US68	5,748,860	05-1998	J.T. Shively	
	US69	6,381,747 B1	04-2002	P.J. Wonfor, D.T. Nelson	
	US70 .				
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	FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Te.
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Signature		onsidered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Hsia, Sherrie Y.

1875.3970001

U.S. Patent and Trademark Onice, O.S. Del Control number.

U.S. Patent and Trademark Onice, O.S. Del Control number.

Onice, O.S. Del Control number. Substitu. PADEMARK Substitute for form 1449/PTO Complete if Known **Application Number** 10/791,686 INFORMATION DISCLOSURE Filing Date March 3, 2004 STATEMENT BY APPLICANT First Named Inventor David A. BAER 2622 (Use as many sheets as necessary) Art Unit **Examiner Name**

Attorney Docket Number

Examiner	Cite	NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of	1				
Initials*	No.1	the of the different appropriate, the					
	NPL1	Cirrus Logic, "96 kHz Digital Audio Interface Transmitter: Data Sheet CS8405A", November, 1999, 33pp.					
	NPL2	Sanchez, C., Taylor, R., Cirrus Logic, "Overview of Digital Audio Interface Data Structures: App. Note AN22", February, 1998, 10pp.					
	NPL3	European Search Report for European Appl. No. 04017519.2, European Patent Office, mailed on March 10, 2005, 3 pages.					
	NPL4	European Search Report for European Appl. No. 04017521.8, European Patent Office, mailed on October 29, 2004, 3 pages.					
	NPL5						
	NPL6						
	NPL7						
	NPL8						
	NPL9						
	NPL10						

Examiner Date Signature Considered

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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.